Mosquito Generic and Subgeneric Abbreviations (Diptera: Culicidae)[1]

John F. Reinert
Department of Entomology
Walter Reed Army Institute of Research
Washington, D. C. 20012

ABSTRACT. Two-letter abbreviations are given for the 34 genera and 3-letter abbreviations for the 119 subgenera of the family Culicidae.

INTRODUCTION

Various abbreviations have been used to represent the same genus and the same abbreviations used to depict several genera of the Culicidae in the published literature. Likewise, various letter combinations have been reported for the subgenera. In the hope that standardized abbreviations for each of the mosquito genera and subgenera will be adopted, a list of 2-letter abbreviations for the 34 culicid genera and one of 3-letter abbreviations for the 119 subgenera are presented below. The use of short, standardized generic and subgeneric abbreviations would facilitate the recognition of each taxon and reduce printed space in tables, lists, descriptions, specimen labels, etc. Standardized abbreviations would also be an advantage in computer studies. As new genera and subgenera are defined it would be easy for the author(s) to publish an abbreviation for each by using the appropriate 2- or 3-letter combination. Also, if an existing genus is to be reduced to subgeneric rank or vice versa, new abbreviations could easily be designated to reflect its revised position.

The generic and subgeneric classifications below follow Stone et al. (1959), Stone (1961, 1963, 1967, 1970), and authors publishing generic and subgeneric changes since Stone's 1970 supplement.

---

1 This work was supported in part by Research Contract DAMD-17-74-C-4086 from the U.S. Army Medical Research and Development Command, Office of the Surgeon General and carried out at the Medical Entomology Project, Smithsonian Institution, Washington, D. C. 20560.

Report Documentation Page

Form Approved
OMB No. 0704-0188

1. REPORT DATE	2. REPORT TYPE	3. DATES COVERED
1975		**00-00-1975 to 00-00-1975**

4. TITLE AND SUBTITLE	5a. CONTRACT NUMBER
Mosquito Generic and Subgeneric Abbreviations (Diptera: Culicidae)	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER
6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **Walter Reed Army Institute of Research,Department of Entomology,Washington,DC,20012**	8. PERFORMING ORGANIZATION REPORT NUMBER
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES

14. ABSTRACT
see report

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			
unclassified	**unclassified**	**unclassified**	**Same as Report (SAR)**	**6**	

ABBREVIATIONS OF GENERA OF CULICIDAE

Aedeomyia	= *Ad*	*Malaya*	= *Ml*
Aedes	= *Ae*	*Mansonia*	= *Ma*
Anopheles	= *An*	*Maorigoeldia*[3]	= *Mg*
Armigeres	= *Ar*	*Mimomyia*[4]	= *Mi*
Bironella	= *Bi*	*Opifex*	= *Op*
Chagasia	= *Ch*	*Orthopodomyia*	= *Or*
Coquillettidia[2]	= *Cq*	*Phoniomyia*	= *Ph*
Culex	= *Cx*	*Psorophora*	= *Ps*
Culiseta	= *Cs*	*Sabethes*	= *Sa*
Deinocerites	= *De*	*Topomyia*	= *To*
Eretmapodites	= *Er*	*Toxorhynchites*	= *Tx*
Ficalbia	= *Fi*	*Trichoprosopon*	= *Tr*
Galindomyia	= *Ga*	*Tripteroides*	= *Tp*
Haemagogus	= *Hg*	*Udaya*	= *Ud*
Heizmannia	= *Hz*	*Uranotaenia*	= *Ur*
Hodgesia	= *Ho*	*Wyeomyia*	= *Wy*
Limatus	= *Li*	*Zeugnomyia*	= *Ze*

ABBREVIATIONS OF SUBGENERA OF CULICIDAE

Genus *Aedeomyia (Ad)*

Aedeomyia	= *Ady*	*Lepiothauma*	= *Lpi*

---

2 Ronderos and Bachmann (1962) raised *Coquillettidia* from subgeneric to generic status. Stone (1967) and Belkin (1968) followed Ronderos and Bachman but Mattingly (1971) preferred to retain *Coquillettidia* as a subgenus of *Mansonia*.

3 Belkin (1962) elevated *Maorigoeldia* from subgeneric to generic status. Stone (1963) also listed it as a distinct genus, however, Mattingly (1971) preferred to retain it as a subgenus of *Tripteroides*.

4 Mattingly (1971) raised *Mimomyia* from subgeneric to generic status and referred to it 3 subgenera previously included in *Ficalbia*.

Genus *Aedes (Ae)*

Abraedes	= *Abr*	*Kompia*	= *Kom*
Aedes	= *Aed*	*Leptosomatomyia*	= *Lep*
Aedimorphus	= *Adm*	*Levua*	= *Lev*
Alanstonea	= *Ala*	*Lorrainea*	= *Lor*
Ayurakitia	= *Ayu*	*Macleaya*	= *Mac*
Aztecaedes	= *Azt*	*Mucidus*	= *Muc*
Bothaella	= *Bot*	*Neomelaniconion*	= *Neo*
Cancraedes	= *Can*	*Nothoskusea*	= *Not*
Chaetocruiomyia	= *Cha*	*Ochlerotatus*	= *Och*
Christophersiomyia	= *Chr*	*Paraedes*	= *Par*
Diceromyia	= *Dic*	*Protomacleaya*	= *Pro*
Edwardsaedes	= *Edw*	*Pseudarmigeres*	= *Psa*
Finlaya	= *Fin*	*Pseudoskusea*	= *Psk*
Geoskusea	= *Geo*	*Rhinoskusea*	= *Rhi*
Gymnometopa	= *Gym*	*Rusticoidus*	= *Rus*
Halaedes	= *Hal*	*Skusea*	= *Sku*
Howardina	= *How*	*Stegomyia*	= *Stg*
Huaedes	= *Hua*	*Verrallina*	= *Ver*
Indusius	= *Ind*		

Genus *Anopheles (An)*

Anopheles	= *Ano*	*Lophopodomyia*	= *Lph*
Cellia	= *Cel*	*Nyssorhynchus*	= *Nys*
Kerteszia	= *Ker*	*Stethomyia*	= *Ste*

Genus *Armigeres (Ar)*

Armigeres	= *Arm*	*Leicesteria*	= *Lei*

Genus *Bironella (Bi)*

Bironella	= *Bir*	*Brugella*	= *Bru*

Genus *Coquillettidia (Cq)*

Austromansonia	= *Aus*	*Rhynchotaenia*	= *Rhy*
Coquillettidia	= *Coq*		

Genus *Culex (Cx)*

Acalleomyia	= *Aca*	*Lasiosiphon*	= *Las*
Acallyntrum	= *Acl*	*Lophoceraomyia*	= *Lop*
Aedinus	= *Ads*	*Lutzia*	= *Lut*
Allimanta	= *Alm*	*Maillotia*	= *Mai*
Anoedioporpa	= *And*	*Melanoconion*	= *Mel*
Barraudius	= *Bar*	*Micraedes*	= *Mca*
Belkinomyia	= *Bel*	*Microculex*	= *Mcx*
Carrollia	= *Car*	*Neoculex*	= *Ncx*
Culex	= *Cux*	*Thaiomyia*	= *Tha*
Culiciomyia	= *Cui*	*Tinolestes*	= *Tin*
Eumelanomyia	= *Eum*		

Genus *Culiseta (Cs)*

Allotheobaldia	= *All*	*Culiseta*	= *Cus*
Austrotheobaldia	= *Aut*	*Neotheobaldia*	= *Net*
Climacura	= *Cli*	*Theomyia*	= *Thm*
Culicella	= *Cuc*		

Genus *Haemagogus (Hg)*

Conopostegus	= *Con*	*Haemagogus*	= *Hag*

Genus *Heizmannia (Hz)*

Heizmannia	= *Hez*	*Mattinglyia*	= *Mat*

Genus *Mansonia (Ma)*

Mansonia	= *Man*	*Mansonioides*	= *Mnd*

Genus *Mimomyia (Mi)*

Etorleptiomyia	= *Eto*	*Mimomyia*	= *Mim*
Ingramia	= *Ing*		

Genus *Psorophora (Ps)*

Grabhamia	= *Gra*	*Psorophora*	= *Pso*
Janthinosoma	= *Jan*		

Genus *Sabethes (Sa)*

Sabethes	= *Sab*	*Sabethoides*	= *Sbo*
Sabethinus	= *Sbn*		

Genus *Topomyia (To)*

Suaymyia	= *Sua*	*Topomyia*	= *Top*

Genus *Toxorhynchites (Tx)*

Ankylorhynchus	= *Ank*	*Toxorhynchites*	= *Tox*
Lynchiella	= *Lyn*		

Genus *Trichoprosopon (Tr)*

Ctenogoeldia	= *Cte*	*Shannoniana*	= *Shn*
Isostomyia	= *Iso*	*Trichoprosopon*	= *Trc*
Limamyia	= *Lma*	*Vonplessenia*	= *Von*
Runchomyia	= *Run*		

Genus *Tripteroides (Tp)*

Rachionotomyia	= *Rah*	*Tripteroides*	= *Trp*
Rachisoura	= *Rac*		

Genus *Uranotaenia (Ur)*

Pseudoficalbia	= *Pfc*	*Uranotaenia*	= *Ura*

Genus *Wyeomyia (Wy)*

Antunesmyia	= *Ant*	*Menolepis*	= *Men*
Cruzmyia	= *Cru*	*Nunezia*	= *Nuz*
Davismyia	= *Dav*	*Wyeomyia*	= *Wyo*
Dendromyia	= *Den*		

ACKNOWLEDGMENTS

Sincere appreciation is expressed to the following individuals for reviewing, commenting and providing criticisms of the manuscript: Bruce F. Eldridge and Ronald A. Ward, Walter Reed Army Institute of Research, E. L. Peyton, Sunthorn Sirivanakarn and Yiau-Min Huang, Medical Entomology Project (MEP), John N. Belkin and J. Hal Arnell, University of California, Los Angeles, Kenneth L. Knight and Bruce A. Harrison, North Carolina State University, Thomas J. Zavortink, California Academy of Sciences, Peter F. Mattingly, British Museum (Natural History), London, England, Botha de Meillon, Tzaneen, North Transvaal, South Africa, and Donald H. Colless, CSIRO, Canberra City, Australia. Thanks are given to Owilda J. R. Curtis, MEP, for typing the manuscript.

LITERATURE CITED

Belkin, J. N. 1962. The mosquitoes of the South Pacific (Diptera, Culicidae). Univ. Calif. Press, Berkeley and Los Angeles. 2 vol., 608 and 412 pp.

Belkin, J. N. 1968. Mosquito studies (Diptera, Culicidae) VII. The Culicidae of New Zealand. Contrib. Am. Entomol. Inst. (Ann Arbor) 3(1): 1-182.

Mattingly, P. F. 1971. Contributions to the mosquito fauna of Southeast Asia. XII. Illustrated keys to the genera of mosquitoes (Diptera, Culicidae). Contrib. Am. Entomol. Inst. (Ann Arbor) 7(4): 1-84.

Ronderos, R. A. and A. O. Bachmann. 1962 (1963). A proposito del complejo *Mansonia* (Diptera-Culicidae). Rev. Soc. Entomol. Argentina 25: 43-51.

Stone, A. 1961. A synoptic catalog of the mosquitoes of the world, supplement I (Diptera: Culicidae). Proc. Entomol. Soc. Wash. 63: 29-52.

Stone, A. 1963. A synoptic catalog of the mosquitoes of the world, supplement II (Diptera: Culicidae). Proc. Entomol. Soc. Wash. 65: 117-40.

Stone, A. 1967. A synoptic catalog of the mosquitoes of the world, supplement III (Diptera: Culicidae). Proc. Entomol. Soc. Wash. 69: 197-224.

Stone, A. 1970. A synoptic catalog of the mosquitoes of the world, supplement IV (Diptera: Culicidae). Proc. Entomol. Soc. Wash. 72: 137-71.

Stone, A., K. L. Knight and H. Starcke. 1959. A synoptic catalog of the mosquitoes of the world (Diptera, Culicidae). Thomas Say Found., Entomol. Soc. Am. vol. VI, 358 pp.